

Date: Tue, 1 Mar 94 21:39:07 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #225
To: Info-Hams

Info-Hams Digest Tue, 1 Mar 94 Volume 94 : Issue 225

Today's Topics:

Amateur Radio Newsline #863 25 Feb 94
ARRL--->Online Repeater directory
Daily Summary of Solar Geophysical Activity for 27 February
Errors in TNC2 firmware???
Jerk on 20 mtrs
Mac software, again!
Medium range point-to-point digital links
MODS REQUEST: IC-2330
Russian IOTA DX info
Special Event - March 12, 1994

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 28 Feb 1994 05:57:05 MST
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Amateur Radio Newsline #863 25 Feb 94
To: info-hams@ucsd.edu

The electronic publication of the Amateur Radio Newsline is distributed
with the permission of Bill Pasternak, WA6ITF, President and Editor of
Newsline. The text is transcribed from the audio service by Dale Cary,
ND0AK0, and is first published on Genie.

Editorial comment or news items should be E-mailed to 3241437@mcimail.com
or B.PASTERNAK@genie.geis.com. Voice or FAX to +1 805-296-7180.

All other information and disclaimers are in the text header below.

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NEWSLINE RADIO - CBBS EDITION #113 - POSTED 02/27/94

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The following is late news about Amateur Radio for Radio
Amateurs as prepared from NEWSLINE RADIO scripts by the staff of
the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO
NET
CBBS twice monthly. For current information updates, please call

| | |
|--|----------------|
| Los Angeles..... | (213) 462-0008 |
| Los Angeles (Instant Update Line)..... | (805) 296-2407 |
| Seattle..... | (206) 368-3969 |
| Seattle..... | (206) 281-8455 |
| Tacoma..... | (206) 927-7373 |
| Louisville..... | (502) 894-8559 |
| Dayton..... | (513) 275-9991 |
| Chicago..... | (708) 289-0423 |
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For the latest breaking info call the Instant Update Line listed
above. To provide information please call (805) 296-7180. This
line answers automatically and will accept up to 30 minutes of
material.

Check with your local amateur radio club to see if NEWSLINE
can be heard weekly on the air in your area.

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For further information about the AMATEUR RADIO NEWSLINE,
please write to us with an SASE at P.O. Box 463, Pasadena, CA
91102.

Thank You
NEWSLINE

Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN
and many others in the United States and around the globe!!!

[863]

* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
*
* The following is a closed circuit advisory and is not *
* for air over amateur radio. Repeat, not for broadcast. *
* This is just a reminder that the address for the Newsline *
* Support Fund is Newsline, in care of Dr. Norm Chalfin, *
* K6PGX, Post Office Box 463, Pasadena, CA 91102. Again, *
* and as always, we thank you. That ends the closed circuit *
* with Newsline report number 863 for release on Friday, *
* February 25th, 1994 to follow. *
* *
* *

The following is a QST

A new interpretation of an old FCC rule may force repeater
licensees to evict unwanted users.

FCC SAYS REPEATER TRUSTEES CAN BAN USERS!

The Federal Communications Commission has told the attorney
for a southern California radio club that the license holder to
its repeater can kick any ham off the system that he deems unfit
to use the machine. In doing so, the FCC seems have set the
stage for a total re-evaluation of the way every repeater in the
nation is operated.

The issue of what rights a repeater licensee has over the control of his repeater came into sharp focus on February the 1st. This, in a letter of interpretation of Section 97.205, subpart E of the FCC Amateur Service rules. Section 97.205 E says in part -- and we quote -- "Limiting the use of a repeater to only certain user stations is permissible." That language has been on the books for years. Some repeater licensees are probably not aware the rule exists, much less understand the power it gives them. Moreover, until now the FCC has given repeater licensees wide latitude in its interpretation.

But a far narrower reading has now come as the result of a request for clarification sought by Attorney Sidney Radus, N6OMS of Orange, California. Radus is the attorney representing the Claremont Amateur Repeater Association in its fight against some unwanted users of its repeaters.

In preparation of a civil complaint against one user, Radus wrote to the FCC's Private Radio Bureau to find out exactly where his client stood in regard to Part 97.205 E. His inquiry was answered by Personal Radio Branch Chief John B. Johnston W3BE. Johnston is well versed in Part 97 regulatory matters in that he was the guiding hand that crafted the latest version. After quoting section 97.205 E, Johnston added the rule applies whether a repeater is coordinated as an "open" or "closed" repeater. In fact, Johnston says -- and again we quote -- " Rule 97.205 E without qualification, permits the individual responsible for proper operation of a repeater to limit the use of a repeater to certain user stations." -- end quote.

As previously reported, the legal action taken was to obtain a restraining order against Tim W. Seawolf of Quail Valley, California. Its now been learned that the Johnston letter was accepted by the civil court as evidence in the case. We will be covering that part of the story in greater detail next week.

But looked at on a much broader scale, this new interpretation of Section 97.205 E is the really important story. This, because it holds the potential of impacting on the way that every ham who uses a repeater to make contacts operates on the air. The FCC now seems to be saying that in effect, there is really no difference between an open or closed repeater. Rather that all repeaters are essentially closed and that the ability of anyone of us to operate through one is at the will and the whim of the person that holds the license to a given machine. In fact, Johnston letter goes even further than that. It just about mandates that repeater licensees act to ban anyone who in any way may cause the repeaters operation to violate any FCC part 97 rule.

This is truly a precedent setting regulatory interpretation by the FCC. Its one that will forever change the way in which all repeaters are operated and the way in which a repeater licensee

is required to police his systems and control his user base.

TEXT OF FCC LET

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON D.C. 20554

Feb. 1, 1994

In Reply Refer To: 7230-A/1700C1

Mr. Sidney L. Radus
Orange, CA 92669

Dear Mr. Radus,

This is in response to your fax dated January 14, 1994 in which you request further response to your previous correspondence. Specifically, you request whether Section 97.205(e) permits owners of "open" repeaters to limit the use of their repeaters to certain users.

Section 97.205(e) states: '... Limiting the use of a repeater to only certain user stations is permissible.' The rule section applies whether a repeater is coordinated as an "open" or "closed" repeater.

Further, the rule applies without regard as to whether a repeater is coordinated at all. Rule 97.205(e), without qualification, permits the individual responsible for proper operation of a repeater to limit the use of a repeater to certain user stations.

I trust this is responsive to your concerns.

Sincerely,

John B. Johnston
Chief, Personal Radio Branch

SPREAD SPECTRUM

The Commission has responded cautiously to a proposal to ease restrictions on spread spectrum signals on amateur frequencies. At their January 21st meeting, the ARRL's Board of Directors voted to ask the Commission to relax the restrictions. Whether that will actually happen remains to be seen. Ralph Haller,

N4RH, Chief of the FCC's Private Radio Bureau, indicates the idea will have to be reviewed carefully.

"I would like to allow all the technologies that we possibly can. There are some concerns, our Field Bureau is concerned about being able to monitor the transmissions as a part of their functions. And so once again we need to balance that, but as far as I am concerned we should be as unintrusive as possible in our restrictions on amateur communications." Ralph Haller, N4RH, Chief of the FCC Private Radio Bureau.

Spread spectrum signals cannot be monitored with conventional FM receivers, and that's what concerns the Commission. Spread spectrum is popular with military agencies, because the transmissions are virtually impossible to monitor. Certain types of spread spectrum signals are legal on amateur frequencies above 420 MHz.

VEC FILING EXT

The FCC has granted a request by the ARRL VEC for an extension of time to provide financial information concerning reimbursement arrangements to volunteer examiners. Last fall, the commission asked all VEC's to provide this information for 1993 with the end of January as the submission deadline.

But in filing for the time extension, the league said that its auditing firm will not have a financial report available until sometime in March. The FCC agreed and on January 26th it extended the filing deadline until March the 31st. The league says that it assumes that the extension would apply to all other VEC's as well.

NEW AMSAT VIDEO

The first copy of the new AMSAT promotional video titled "Phase III-D - The Satellite For All Radio Amateurs" has been presented to the show's special guest, Senator Barry M. Goldwater K7UGA. The informal presentation was made on Sunday February 13 by Newsline producer Bill Pasternak, WA6ITF and Len Winkler, KB7LPW who hosts the nationally syndicated radio program Ham Radio and More. Ham Radio and More originates at the studios of KFNN radio in Phoenix. Bill was in Phoenix to appear as a guest on the show.

"Phase III-D - The Satellite For All Radio Amateurs" was taped on-location at the Goldwater ranch last July and is hosted by Roy Neal, K6DUE. The video is an updated version of an earlier tape

known as "The Phase III-D Story" and includes a first glimpse of the latest Phase III-D satellite design.

VHS loaner tapes for radio club showing are available free of charge from AMSAT North America, 850 Sligo Ave, Suite 600, Silver Spring, MD 20910.

STS-67 CREW NAMED

Two hams will fly on space shuttle flight STS 67 in early 1995. NASA has named Steve Oswald, KB5TSR as the flights commander. He will be joined by veteran SAREX operator Ron Parise, WA4SIR. Ron will serve as Payload Specialist on the flight.

RTT

The RTT sold to the American Digital Radio Society. Writing in the January 1994 edition of the Journal, editor Dale Sinner, W6IWO says that he was approached by the digital society with an offer for it to take over publication of the journal. Sinner says that he has been a strong supporter of the group since its inception, That he believes strongly in its goals and its offer to take over the Journal was one that he found it hard to refuse.

The principal goals of the American Digital Radio Society are to advance the state of the art in digital technology as it applies to Amateur Radio while at the same time wisest use of amateur spectrum for digital modes. Its president is Warren Sinsheimer W2RNE of Scarsdale, New York. Jim Mortensen, N2HOS is the new Publisher of The RTT Sinner remaining on as Editor in Chief.

For more information on the American Digital Radio Society write them at Post Office Box 2465, New York City, NY 10185.

DIGITAL CONFERENCE

A call has been issued for papers to be presented at the 13th annual ARRL Digital Communications Conference. This year the conference will be held August 19th to the 21st in Bloomington, Minnesota. The theme for 1994 is Digital Communications - Amateur Radio of Today and the Future. The deadline for submissions is June 20th. Send them to Maty Weinberg at ARRL Headquarters, 225 Main Street, Newington, Connecticut 06111.

HOGERTY

Tom Hogerty, KC1J has been named as Special Projects Manager at Headquarters. Building on his success in the clearance of the DXCC backlog last year during his tenure as DXCC Manager, Tom's first project will be to investigate how services to members are rendered and ways in which they can be improved.

The ARRL has also named Bill Kennamer, K5FUV to replace Hogerty as DXCC Manager. Kennamer who conducts QST column joined the leagues staff in June of 1992.

RARA

The 60th annual Rochester Hamfest and Computer Show combined with the Atlantic Division New York State ARRL Convention returns to the Monroe County Fairgrounds May 20-22. The show includes 150 indoor exhibitors with up to date radio and communications equipment, computer equipment and supplies. A 1000 vendor outdoor flea market adjoins the indoor selling area. For information write to the Rochester Hamfest, 300 White Spruce Blvd, Rochester N.Y. 14623.

DX - PET

In DX, we have a wrap up on the recent Peter One Island operation. The DXpedition team landed on the island January 29th. According to ON4UN, the entire landing took only three hours. Within that time forty trips back and forth with two helicopters were made to and from the ship.

While the landing itself was perfect, conversations overheard between WA4JQS and KA6V noted that there was some equipment that was damaged in transit. In particular, a satellite receiver looked as if it had been dropped by a crane and a PK-900 was almost destroyed.

Never the less the group decided to immediately erect all antennas and get all stations on the air. The operations began in a big way with stations on many bands with some DXers able to work 3Y0PI on several bands in just a matter of hours.

As of Saturday, February 5th, the report was the teams had worked over 20,000 QSOs and their goal was to make 100,000 QSOs from Peter One. The group is now in transit home. An exact QSO count should be announced shortly.

DOOB HELPERS CHALLENGE NYC

The hams supplying communications support for ham radio runner Fred Doob, AA8FQ in the upcoming Los Angeles Marathon are challenging their New York City counterparts. The competition is for the total contacts that Fred can make while running the streets of the City of Angeles as compared to the number he made in last fall's New York City Marathon.

Why the challenge? Mainly because each contact that Fred makes will add several dollars to the grand total that Icom America will donate to the Los Angeles Childrens Cancer Research Fund. In his New York City run, AA8FQ raised twenty-five hundred dollars for the Sloan Kettering Memorial Cancer Center. Ed Walker, WA6MDJ is with the Baldwin Hills Amateur Radio Club. He says that Angelino hams will do a lot better.

"We're here in Los Angeles. We have more hams in the area than we ever have. I feel we can do it and we will do it. I think we will if not do almost twice as much as New York did and do it very easily." Ed Walker, WA6MDJ, from the Baldwin Hills Amateur Radio Club.

The Baldwin Hills club has arranged for AA8FQ to use wide area repeaters on 145.220, 146.670, 146.925, 445.925 and 447.325 MHz. Fred Doob will also be looking for QSO's on the national calling channel of 146.520. Walker is using Newsline to issue the challenge to New York City. It will be interesting to hear if the hams of the Big Apple accept.

For this week, that's all from the Amateur Radio Newsline.
91102.

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Date: Tue, 1 Mar 1994 00:30:50 GMT
From: world!dts@uunet.uu.net
Subject: ARRL--->Online Repeater directory
To: info-hams@ucsd.edu

In article <9402281434.AA12050@umassmed.UMMED.EDU> sbaker@umassmed.UMMED.EDU
(Stephen Baker) writes:

>The league publishes the repeater directory which it currently enjoys monopoly
>status. This must be enormously profitable for them as they are the sole source
>for such a directory, (maps aside). I wonder if they have priviledged access to

>this information by virtue of some role they play in the frequency coordination
>process?

And what role do you think the ARRL plays in frequency coordination? In reality, the ARRL does not do frequency coordination. Issues of band planning, yes, but not coordination.

>

>If this is the case, then there is a conflict of interest issue here, and they
>should not in the repeater directory business and frequency coordination
>business simultaneously if they will harass competition.

they are not.

>

>As a league member, I feel it is the role of the League to encourage such
>innovations as an online repeater directory and callbook and should be providing
>these services to it's membership at cost or free themselves! I question how
>responsive the league is to the needs of the membership and to innovation. The
>league should evaluate it's programs for relevance and cost effectiveness. Is
>the code practice program worth the tremendous cost? Could that money be better
>spent setting up 800 lines for their BBS where code practice software could be
>downloaded? What would an internet RISC server cost to set up a server for
>callbook lookups, FTP, online repeater directories, packet gateway's, cellular
>vhf coordination (see 3/94 QST) etc.

Read the opening pages of the repeater directory. The publication indicates that certain data were obtained by other groups allowing the ARRL to use copyrighted data with permission. It would seem that the League has agreed to those groups being able to copyright their lists. I would guess that those groups see it as worthwhile to have their data printed in the repeater directory, and so allow for its use in the publication.

>

>Ham radio has entered an age where these sorts of things are where
>experimentation is happening and as the central organized body in the hobby, the
>ARRL is the only group in a position to do some of these things. If they don't
>take a leadership role, some other group will eventually emerge to do this and
>they will have lost their chance to serve the hobby.

>

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>

| | |
|---|-----------------------------------|
| >Stephen P. Baker | phone: (508) 856-2625 |
| >Lecturer in Biostatistics | (508) 856-3131 fax |
| >Department of Academic Computing | (413) 253-3923 home |
| >University of Massachusetts Medical School | e-mail: sbaker@umassmed.ummed.edu |

>55 Lake Avenue North
>Worcester, MA 01655

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Daniel Senie Internet: dts@world.std.com
Daniel Senie Consulting n1jeb@world.std.com
508-365-5352 Compuserve: 74176,1347

Date: Sun, 27 Feb 1994 23:45:54 MST
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 27 February
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACT

27 FEBRUARY, 1994

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACT

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 058, 02/27/94
10.7 FLUX=095 90-AVG=107 SSN=069 BKI=1224 2100 BAI=006
BGND-XRAY=B1.4 FLU1=2.2E+06 FLU10=2.9E+04 PKI=1233 2120 PAI=007
 BOU-DEV=009,018,018,043,015,009,004,004 DEV-AVG=015 NT SWF=01:057
 XRAY-MAX= M2.8 @ 0920UT XRAY-MIN= A9.8 @ 0721UT XRAY-AVG= C1.5
NEUTN-MAX= +002% @ 2310UT NEUTN-MIN= -002% @ 1415UT NEUTN-AVG= +0.0%
 PCA-MAX= +0.1DB @ 2355UT PCA-MIN= -0.4DB @ 0905UT PCA-AVG= +0.0DB
BOUTF-MAX=55343NT @ 0204UT BOUTF-MIN=55319NT @ 2003UT BOUTF-AVG=55336NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+074,+000,+000
GOES6-MAX=P:+119NT@ 1616UT GOES6-MIN=N:-052NT@ 0823UT G6-AVG=+095,+037,-030
 FLUXFCST=STD:095,095,090;SESC:095,095,090 BAI/PAI-FCST=008,010,010/010,010,010
 KFCST=2234 2232 2233 4322 27DAY-AP=007,006 27DAY-KP=2132 2223 2123 2111
WARNINGS=
 ALERTS=**MINFLR:M2.8@0920UTC; **TENFLR:120SFU@0903UTC, DUR=19MIN
!!END-DATA!!

NOTE: The Effective Sunspot Number for 26 FEB 94 was 39.2.
The Full Kp Indices for 26 FEB 94 are: 2+ 1- 2- 2- 2+ 1+ 1+ 1-
The 3-Hr Ap Indices for 26 FEB 94 are: 9 3 7 7 10 5 5 3
Greater than 2 MeV Electron Fluence for 27 FEB is: 1.6E+08

SYNOPSIS OF ACT

Solar activity was moderate. A M2 x-ray event occurred at 27/0920Z which was optically uncorrelated. A burst of 120 sfu was observed on 2695 MHz at 27/0903Z. Region 7675 (S11W26) had an associated Type ii sweep between 26/2332Z and 26/2348Z. A 15 degree filament near S14E28 disappeared between 26/2350Z and 27/1540Z. A new region was assigned late yesterday as Region 7681 (S13W18).

Solar activity forecast: solar activity is expected to be low through the period.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours. A brief period of active levels occurred during the nighttime sector at mid-latitudes while active to major storms occurred at the high-latitudes.

Geophysical activity forecast: the geomagnetic field is expected to be unsettled through the period.

Event probabilities 28 feb-02 mar

| | |
|---------|----------|
| Class M | 05/05/05 |
| Class X | 01/01/01 |
| Proton | 01/01/01 |
| PCAF | Green |

Geomagnetic activity probabilities 28 feb-02 mar

| | |
|---------------------|----------|
| A. Middle Latitudes | |
| Active | 10/10/10 |
| Minor Storm | 05/05/05 |
| Major-Severe Storm | 01/01/01 |
| B. High Latitudes | |
| Active | 15/15/15 |
| Minor Storm | 10/10/10 |
| Major-Severe Storm | 05/05/05 |

HF propagation conditions continued normal over all

regions. The M-class flare resulted in a moderate SWF over sunlit paths. Affected areas may have included Africa, Europe, Asia, and western Australia with maximum absorption centered approximately near the south-eastern coast of Africa at about S10 E40. All other areas experienced normal propagation. Normal propagation is expected to persist over the next 72 hours, through 02 March inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WIT

| NMBR | LOCATION | LO | AREA | Z | LL | NN | MAG | TYPE |
|------|----------|-----|------|-----|----|-----|-------|------|
| 7677 | N11W73 | 156 | 0010 | BX0 | 01 | 002 | BET | |
| 7678 | S14E35 | 048 | 0050 | CS0 | 03 | 003 | BET | |
| 7679 | N03W03 | 086 | 0010 | BX0 | 04 | 004 | BET | |
| 7680 | S12E66 | 017 | 0100 | CRO | 04 | 006 | BET | |
| 7681 | S13W18 | 101 | 0000 | AXX | 01 | 004 | ALPHA | |
| 7674 | S14W82 | 165 | | | | | PLAGE | |
| 7675 | S11W26 | 109 | | | | | PLAGE | |
| 7676 | N08W12 | 095 | | | | | PLAGE | |

REGIONS DUE TO RET

NMBR LAT

7666 N18 350

LISTING OF SOLAR ENERGETIC EVENTS FOR 27 FEBRUARY, 1994

| BEGIN | MAX | END | RGN | LOC | XRAY | OP | 245MHZ | 10CM | SWEEP |
|-------|------|------|-----|-----|------|----|--------|------|-------|
| 0825 | 0920 | 0951 | | | M2.8 | | | 120 | |

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 27 FEBRUARY, 1994

| BEGIN | MAX | END | LOCATION | TYPE | SIZE | DUR | II | IV |
|----------|------|-------|----------|------|------|-----|----|----|
| 26/A2350 | | B1540 | S14E28 | DSF | | | | |
| 27/ 0825 | 0920 | 0951 | | LDE | M2.8 | 86 | | |

INFERRED CORONAL HOLES. LOCATIONS VALID AT 27/2400Z

ISOLATED HOLES AND POLAR EXT

| | EAST | SOUTH | WEST | NORTH | CAR | TYPE | POL | AREA | OBSN |
|----|--------|--------|--------|--------|-----|------|-----|------|--------|
| 65 | S27W08 | S32W20 | S15W34 | S11W24 | 113 | ISO | POS | 006 | 10830A |

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

| Date | Begin | Max | End | Xray | Op | Region | Locn | 2695 MHz | 8800 MHz | 15.4 GHz |
|---------|-------|------|------|------|----|--------|--------|----------|----------|----------|
| 26 Feb: | 0317 | 0335 | 0353 | B5.5 | | | | | | |
| | 0510 | 0515 | 0523 | B9.6 | | | | | | |
| | 1036 | 1042 | 1051 | B3.6 | | | | | | |
| | 2324 | 2336 | 2349 | B5.5 | SF | 7675 | S12W10 | | | |

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

| | C | M | X | S | 1 | 2 | 3 | 4 | Total | (%) |
|---------------|---|---|---|---|---|---|---|---|-------|--------|
| Region 7675: | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 001 | (25.0) |
| Uncorrelated: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 003 | (75.0) |

Total Events: 004 optical and x-ray.

EVENTS WIT

| Date | Begin | Max | End | Xray | Op | Region | Locn | Sweeps/Optical Observations |
|---------|-------|------|------|------|----|--------|--------|-----------------------------|
| 26 Feb: | 2324 | 2336 | 2349 | B5.5 | SF | 7675 | S12W10 | II,III,V |

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

- II = Type II Sweep Frequency Event
- III = Type III Sweep
- IV = Type IV Sweep
- V = Type V Sweep
- Continuum = Continuum Radio Event
- Loop = Loop Prominence System,
- Spray = Limb Spray,
- Surge = Bright Limb Surge,
- EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Mon, 28 Feb 1994 17:57:11 -0500
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Errors in TNC2 firmware???
To: info-hams@ucsd.edu

In article <2ks2o4\$6tc@tern.csulb.edu>, byon@csulb.edu (Byon Garra-brant) wrote:

> I have recently been experimenting with TNC2 clones and had run
> across two peculiar "bugs" in the firmware of an MFJ 1278, and
> a tiny TNC2.

Byon-

If I understand you, the only real problem is that you can send two commands on one line. I didn't think you could do that, at least with a simple terminal program. A "|bcst" command may indeed do something strange, but I wouldn't consider it a "bug"!

73, Fred, K4DII

Date: Mon, 28 Feb 1994 17:21:53 -0500
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Jerk on 20 mtrs
To: info-hams@ucsd.edu

In article <2ksunm\$hmo@news.iastate.edu>, kenman@iastate.edu (Kenneth D Anderson) wrote:

> There was some JERK that was running up and down the band causing all kinds
> of intentional interference: from belching and whistling to calling people
> sh*theads to keying on a frequency to disrupt a QSO.

Ken-

He wasn't the only one. Some of those who act that way, even have extra-class licenses!

The most frequent occurrence seems to be related to groups of Hams who think they have a private frequency. On 75, 40 and 20 meters, there are many "nets" that last most of 24 hours. There are Hams who leave their radio on a single frequency during all their waking hours. They use it

like an intercomm with others in their group, and make all kinds of noise when an outsider comes on, thinking it is an unused frequency.

Then, there are those like your JERK, who make a sport out of moving onto frequencies known to be inhabited by the above. They engage in shouting matches and harrangues, effectively making the frequency useless.

I think all of these people are just bored, and have way too much time on their hands! In cases like these, there may be no harm done, other than hurt feelings. However, the JERKS don't stop there. Some of them take special delight in disrupting nets that serve a good purpose, especially in times of some disaster or other emergency.

These JERKS certainly give Ham Radio a bad name. What can you do about it? Nothing but get upset. I believe the best response is to ignore such a person. Let them have their way, and vacate a frequency if necessary. When you react to them, you're doing just what they want. The only way to "spoil their fun" is to refuse to play with them!

73, Fred, K4DII

Date: Tue, 1 Mar 1994 01:56:58 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!
ez006683@network.ucsd.edu
Subject: Mac software, again!
To: info-hams@ucsd.edu

I KNOW this is a FAQ but I've never needed it until now and it doesn't show up in our FAQ so if the gentleman who keeps the MAC software list please e-mail me a copy I will be eterenally grateful.

Thanks,
Dan

--

* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *
* Internet: ddtodd@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *

* All opinions expressed herein are completely fictitious any *
* resemblance to actual opinions of persons living or dead is *
* completely coincidental. *

Date: Mon, 28 Feb 1994 23:34:38 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!srigenprp!glenne@network.ucsd.edu
Subject: Medium range point-to-point digital links
To: info-hams@ucsd.edu

Zack Lau (KH6CP) (zlau@arrl.org) wrote:

> Seems to me that Gary wants to set up a digital network
> the hard way, with only people interested in digital
> networks.

Perhaps this is his way of keeping the user base small enough that the network he envisions can still provide at least mediocre service to each user. I don't see how that's going to happen with a national backbone of (only) 3000 56 kbps nodes otherwise.

> Perhaps surprising
> to beginners, but not veterans of 10 GHz work, is
> relative inferiority of 2 meters once the antennas
> are properly pointed.

I'm afraid this mindset among amateurs may be a serious hurdle to overcome. Popular wisdom has it that microwave is difficult and short range at best.

I find it interesting (and sad) that a similar "phobia" of short wavelengths was what resulted in amateurs getting shorter wavelengths, 200 meters and down, in the beginning. This time, however, amateurs seem to be on the wrong end of the opinion poll, even though ham radio presently has the spectral resources. Everyone else seems to have recognized where the value is. The commercial "vote" has been in for years which is why microwave has prevailed until just recently when fiber arrived.

Gary wrote:

> : If we're going to build a reliable national network, we can't be cavalier
> : about what frequencies we're using, or the power and performance of our
> : systems.

Which I agree with completely and is why I'd hate to see plans for a national network limited or hamstrung by a 56kbps-at-vhf is enough mindset. It's going to take optimum paths, economical hardware along with careful system planning and the development of supporting protocols in order to make something which is attractive to information-age amateurs. There's no question that it's difficult. I just don't see that we have an alternative

if the hobby is to stay relevant.

Glenn Elmore n6gn

ax.25 n6gn@wx3k.#nocal.ca.usa.na
amateur IP: glenn@SantaRosa.ampr.org
Internet: glenne@sr.hp.com

Date: Mon, 28 Feb 1994 22:21:53 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: MODS REQUEST: IC-2330
To: info-hams@ucsd.edu

In article <762309982snx@skyld.grendel.com> jangus@skyld.grendel.com (Jeffrey D. Angus) writes:

>
>In article <CLupu3.KoI@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu writes:

>
> [snip]
> >

>
> Yup, you're starting to go tit-for-tat and grasping at straws. Also, I
 ^^ ^^^^^^^^

Well! At least we know what's on YOUR mind. My faith in your masculinity
has been restored.

I would never grasp at straws [hee hee hee].

> note that your reply verbiage ratio has gone up. I'd say your agitated.

No no no. Washing machines agitate. I'm `responding'.

>
> Thank you for playing. For another flame, please insert 25 cents.
>

Sounds like you're finally winding down. I'd say this is a good time
to get back to the code debate on .policy. See ya, Jeffy.

Jeff NH6IL

>
> Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "You have a flair for adding
>Internet: jangus@skyld.grendel.com | a fanciful dimension to any
> US Mail: PO Box 4425 Carson, CA 90749 | story."
> Phone: 1 (310) 324-6080 | Peking Noodle Co.
>

Date: Mon, 28 Feb 1994 04:26:16 -0700
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Russian IOTA DX info
To: info-hams@ucsd.edu

Good Day!

Very glad to send to you these info from Russia, if you want I always will be
send for DX News interest info about Russian IOTA, because in 94 "RRC" used
callsigns: 4K2RRC, 4K3RRC, 4K4RRC, 4K5RRC, 4K3GW, 4K3WQ, 4K4DV and some 4K3/h.c.

* RA2F, Zeleny island, Baltic Sea Coast Group (54,5N 19,5E)
Team "Russian Robinson Club" will be activate from here in late
April about a week.
It looks like this will be New One according to IOTA program.
The team: Pino/I8IYW, Igor/ER2CQ, Larry/RW3GU, Larry/RW3GW,
Serge/RZ10M, Larry/RA6YR.
Activity will be on 40-10 meter on CW, SSB and may be RTTY, AMTOR.
Contact RRC please via Inter Net Mail to: rv3gw@littsco.lipetsk.su
* New prefix in Russian territory.
M.V.I. (ex 4J1) new R1MVA-R1MVZ or h.c./MVI
F.J.L. (ex 4K2) new R1FJA-R1FJZ or h.c./FJL
ANT (ex 4K1) new R1ANA-R1ANZ or h.c./ANT

--

Albert (RV3GW)
< ***** Russian Robinson Club / member #34 ***** >
phone: (074-2) 43-4378 (su)

Date: Mon, 28 Feb 1994 19:18:36 -0500
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Special Event - March 12, 1994
To: info-hams@ucsd.edu

28.333 MOSQUITO NET

Members of the Titusville Amateur Radio Club will operate 1400-2300Z, March
12, 1994, to commemorate the 150th anniversary of Brevard County, Florida,
and the 3rd anniversary of the TARC Mosquito Net.

CW - near the bottom of the Novice 10, 15, and 40 sub-bands

Voice - 28.333 (Mosquito Net frequency), and near the bottom of the General

15 and 40 sub-bands

For a certificate, make contact and send your QSL with a 9" X 12" self-addressed, stamped envelope to:

TARC
Post Office Box 73
Titusville, Florida 32781

We'll be listening for you!

KC4VIN, Carole Ann
Stinger #1, Net Manager
(TARC Mosquito net operates Wednesdays, 7PM Eastern on 28.333 MHz)

Date: 28 Feb 1994 23:42:47 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!math.ohio-state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!
rdewan@network.ucsd.edu
To: info-hams@ucsd.edu

References <2kld93\$ovk@dancer.cc.bellcore.com>, <2klrff\$c01@cville-srv.wam.umd.edu>, <2knklj\$d4m@dancer.cc.bellcore.com>h.acn
Subject : Re: On-line Repeater Directory

In article <2knklj\$d4m@dancer.cc.bellcore.com>,
sohl,william h <whs70@dancer.cc.bellcore.com> wrote:
>In article <2klrff\$c01@cville-srv.wam.umd.edu>,
>Scott Richard Rosenfeld <ham@wam.umd.edu> wrote:
>>Just because there's an online repeater directory out there doesn't mean
>>that there's no market for the ARRL Repeater Directory. As stated prev-
>>iously, who really wants to carry around a bunch of 8-1/2 x 11 inch
>>sheets of paper, anyway?
>>
>>All of you people out there - have you seen that incredibly neat repeater
>>MAP book out there? It shows up at hamfests all the time, and MANY times
>>have I considered getting a copy, because it's a lot easier to look at
>>a map, compare it to your road map, and SEE what repeaters may be within
>>range. The ARRL seems to not be too worried about that one, and it
>>probably isn't cutting into the league's profits too much.
>
>That "MAP Directory" is also advertised in the March Issue of CG magazine
>on page 70. The Map directory is advertised as being 175 pages,
>it includes location, highways, plus other helpful info.
>

I owned a repeater Map book by ArtSci for a few days till I sold it to someone who valued it more than I did. My opinion: crude maps, with a very small fraction of repeaters on it. I found the ARRL book, for all its flaws, to be significantly better.

Rajiv
aa9ch
r-dewan@nwu.edu

End of Info-Hams Digest V94 #225

